

What is claimed is:

1. A structure of mounting a weight in a forklift truck which has a frame and the weight that is to be connected and fixed to the frame by a bolt and a nut, the

5 bolt being tightened by screwing the nut, the structure comprising:

a first hole formed through the frame for inserting the bolt;

a second hole formed through the weight for inserting the bolt in such a manner that the first hole and the second hole correspond to each other;

a first fitting part formed on the frame; and

10 a second fitting part formed on the weight in such a manner that the first fitting part and the second fitting part fit to each other and that the first hole and the second hole are aligned with each other when the frame and the weight are combined together.

15 2. The structure according to claim 1, wherein the first fitting part comprises a horizontal top portion, a first contacting portion that continues from a rear end of the top portion and that extends downward, and a second contacting portion that continues from a lower end of the first contacting portion and that extends horizontally forward, and wherein the second fitting part comprises a first bearing
20 surface which is brought into contact engagement with the three portions, a second bearing surface which is brought into contact engagement with the first contacting portion, and a third bearing surface which is brought into contact

engagement with the second contacting portion.

3. The structure according to claim 2, wherein the first hole is formed through the first contacting portion, the second hole being formed through the
5 second bearing surface.

4. The structure according to claim 2, wherein the top portion, the first contacting portion and the second contacting portion have substantially the same dimension as measured in a direction of a width of the forklift truck.
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5. The structure according to claim 2, wherein the frame further comprises a bearing part that extends downward from the first fitting part, the weight further comprising a fourth bearing surface for contacting the bearing part.

15 6. The structure according to claim 5, wherein the first hole is formed through the bearing part, the second hole being formed through the fourth bearing surface.

7. The structure according to claim 1, wherein the first fitting part has
20 substantially a J-shape.

8. The structure according to claim 1, wherein the first fitting part is fittingly

received in the second fitting part.

9. The structure according to claim 1, wherein the weight has an engaging part for facing the frame.

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10. The structure according to claim 1, wherein the number of the first holes, the number of the second holes, the number of the first fitting parts and the number of the second fitting parts are each two.

10 11. The structure according to claim 10, wherein the second fitting parts are symmetrical relative to a longitudinal center line of the weight.

12. A method of mounting a weight in a forklift truck which has a frame and the weight that is to be connected and fixed to the frame by a bolt and a nut, the
15 method comprising the steps of:

forming a first hole through the frame and a second hole through the weight in such a manner that the first hole and the second hole correspond to each other and forming a first fitting part on the frame and a second fitting part on the weight in such a manner that the first fitting part and the second fitting part fit
20 to each other and that the first hole and the second hole are aligned with each other when the frame and the weight are combined together;

moving the frame to the weight in such a manner that the first fitting part

and the second fitting part fit to each other;

inserting the bolt through the first hole and the second hole from the weight side; and

tightening the bolt with the nut.

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13. The method according to claim 12, wherein the moving step comprises:

lowering the frame from above toward the weight in such a manner that the first fitting part is fittingly received in the second fitting part.

10 14. The method according to claim 12, wherein the weight has an engaging part for facing the frame.

15. The method according to claim 12, wherein the number of the first holes, the number of the second holes, the number of the first fitting parts and the
15 number of the second fitting parts are each two.

16. The method according to claim 15, wherein the second forming step comprises:

forming the second fitting parts so as to be symmetrical relative to a
20 longitudinal center line of the weight.

17. A method of mounting a weight in a forklift truck which has a frame and

the weight that is to be connected and fixed to the frame by a bolt and a nut, the method comprising the steps of:

forming a first hole through the frame and a second hole through the weight in such a manner that the first hole and the second hole correspond to each other and forming a first fitting part on the frame and a second fitting part on the weight in such a manner that the first fitting part and the second fitting part fit to each other and that the first hole and the second hole are aligned with each other when the frame and the weight are combined together;

moving the weight to the frame in such a manner that the first fitting part and the second fitting part fit to each other;

inserting the bolt through the first hole and the second hole from the weight side; and

tightening the bolt with the nut.

18. The method according to claim 17, wherein the weight has an engaging part for facing the frame.

19. The method according to claim 17, wherein the number of the first holes, the number of the second holes, the number of the first fitting parts and the number of the second fitting parts are each two.

20. The method according to claim 19, wherein the second forming step

comprises:

forming the second fitting parts so as to be symmetrical relative to a longitudinal center line of the weight.

- 5 21. A method of mounting a weight in a forklift truck which has a frame and the weight that is to be connected and fixed to the frame by a bolt and a nut, the method comprising the steps of:

forming a first hole through the frame and a second hole through the weight in such a manner that the first hole and the second hole correspond to
10 each other and forming a first fitting part on the frame and a second fitting part on the weight in such a manner that the first fitting part and the second fitting part fit to each other and that the first hole and the second hole are aligned with each other when the frame and the weight are combined together;

moving the frame and the weight to each other in such a manner that the
15 first fitting part and the second fitting part fit to each other;

inserting the bolt through the first hole and the second hole from the weight side; and

tightening the bolt with the nut.

- 20 22. The method according to claim 21, wherein the weight has an engaging part for facing the frame.

23. The method according to claim 21, wherein the number of the first holes, the number of the second holes, the number of the first fitting parts and the number of the second fitting parts are each two.

5 24. The method according to claim 23, wherein the second forming step comprises:

forming the second fitting parts so as to be symmetrical relative to a longitudinal center line of the weight.